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**DELTA Flush-mounted
blind controller**

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Flush-Mounted Roller Blind Controller



The 5TC1272 flush-mounted roller blind controller is used for local and/or central control of window roller blinds or other devices with single-phase 230VAC motors.

Features

- Used in the wired control systems of window roller blinds, sunblinds and gate drives (230VAC electric motors).
- Local and central control inputs.
- Easy to install on a junction box.
- Energy-saving device and constant opening mode available.
- Operation in the comfort mode – roller blind height level saved in the internal memory of the device (for example, halfway).
- Can be used in combination with any brand of push-buttons, which do not include indicator lights.

Technical data

Input rated voltage:
230 VAC

Nominal frequency:
50/60 Hz

Nominal power consumption:
0.19 W (Standby)/0,58W (roller blind movement)

Optic signalling of roller blind movement:
Red LED

Maximum roller blind movement time:
120 sec.

Relay contact parameters:
2 NO 5A/250 V 1250 VA (voltage contacts)

Ambient temperature range:
-10 ÷ +55°C

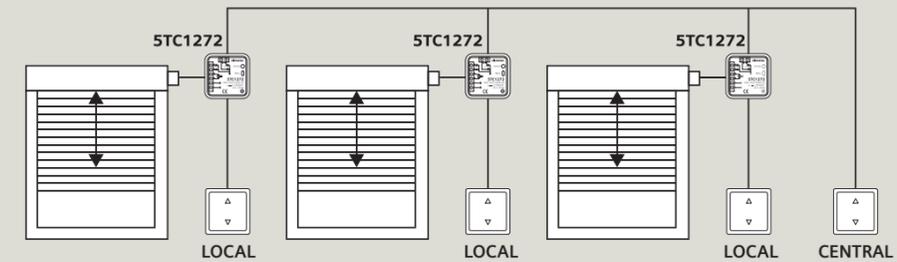
Degree of protection:
IP20

Isolation degree:
Class II

Dimensions:
47,5 x 47,5 x 20 mm

Weight:
40 g

Reference standard:
EN 60669 / EN 61000



Installation and operation

1. Disconnect the power supply from the phase fuse, circuit-breaker or switch-disconnector installed on the corresponding circuit.
2. Use special measuring equipment to check that there is no voltage on the connection cables.
3. Connect the cables with the terminals, as shown in the installation diagram.
4. Install the 5TC1272 device in the junction box.
5. Switch on the power supply from the mains.

The controller performs the following operations: lifting, lowering or stopping the roller blind equipped in the one-phase 230VAC motor. Pressing the local control push-button once moves the roller blind in the chosen direction; pressing the other push-button stops the roller blind. Pressing the central control push-button moves the roller blind (lifting or lowering), regardless of its position and level.

Lifting comfort adjustments:

1. Press the local control push-button (LOCAL ▲).
2. When the roller blind is fully open, press the PROG push-button on the 5TC1272 casing.
3. The roller blinds are lowered automatically – press the PROG push-button again when set to the “comfort position”.
4. Use the local control push-button (LOCAL ▲) to fully lift the roller blind (upper level fully open).
5. Hold down the local control push-button (LOCAL ▼) - the roller blind is lowered and stops at the “comfort position”.

Lowering comfort adjustments:

1. Press the local control push-button (LOCAL ▼).
2. Press the PROG push-button when the roller blind is at the bottom (fully closed).
3. The roller blind is lifted automatically – press the PROG push-button again when it is in the “comfort position”.
4. Use the local control push-button (LOCAL ▼) to fully lower the roller blind (lower level fully closed).
5. Hold down the local control push-button (LOCAL ▲) - the roller blind is lifted and stops exactly in the “comfort place”.

